



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-07-03

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1570 Max : 9.194	2943 NNE	2995 W	2996 N	2997 NNE	Min : 70.52 Max : 73.22	Min : 51.30 Max : 61.10	Min : 29.83 Max : 29.92

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m³		PM2.5 : 35 µg/m³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m³)	Max. PM10-15-min Avg (µg/m³)	Avg. PM2.5 Daily (µg/m³)	Max. PM2.5-15-min Avg (µg/m³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	20.0	31.2	13.9	19.7	1.744	4.966
2995	16.2	24.5	11.1	16.5	1.821	4.989
2996	18.2	26.0	13.1	19.8	1.159	5.064
2997	19.3	26.2	13.7	19.4	2.346	5.410

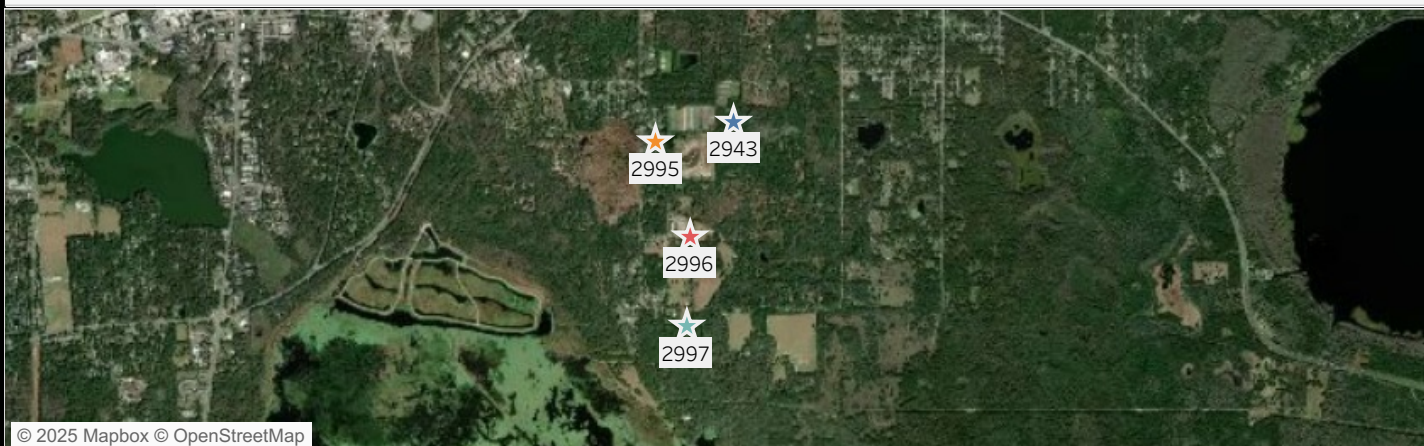


Figure 1 : Monitoring Locations

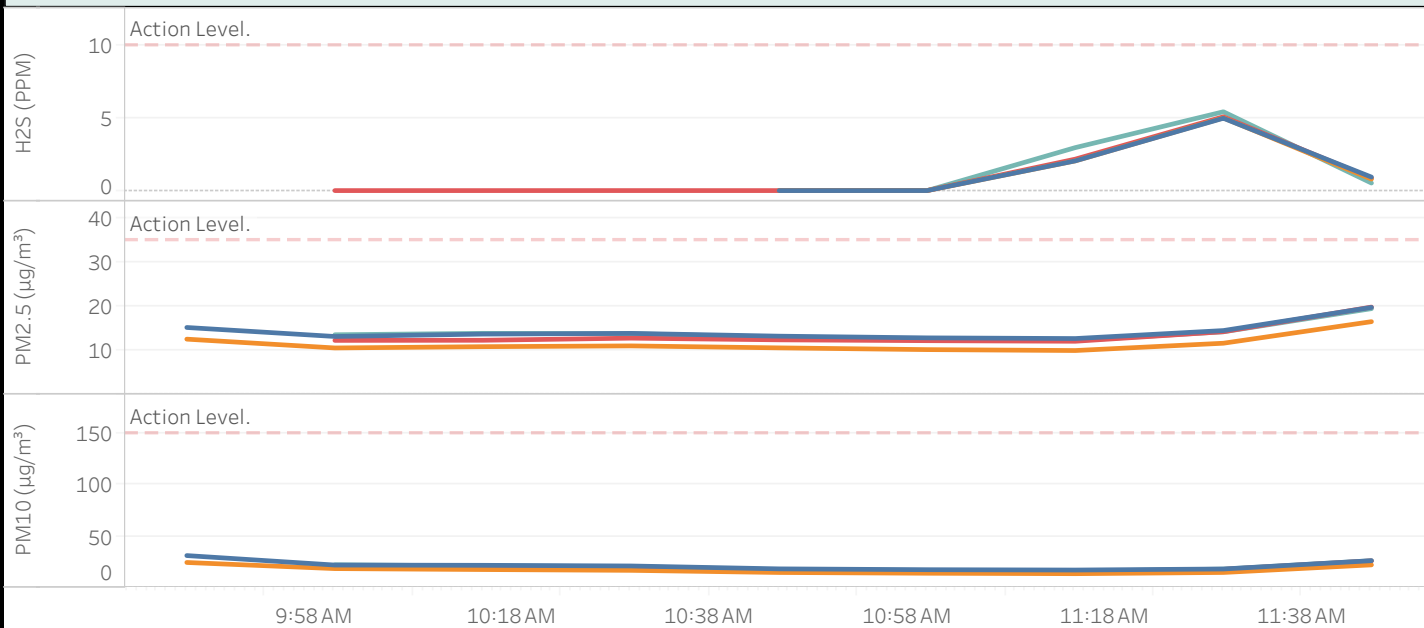


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

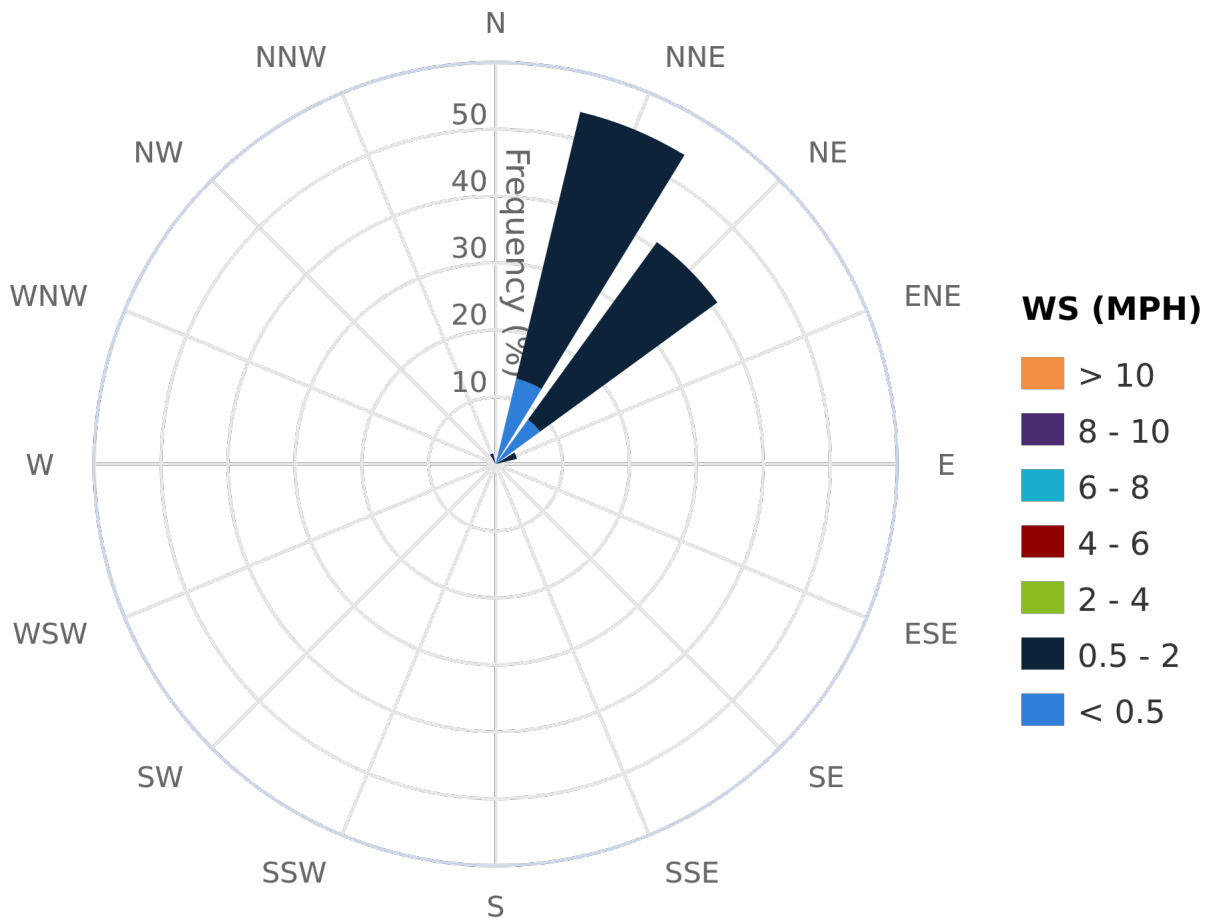


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

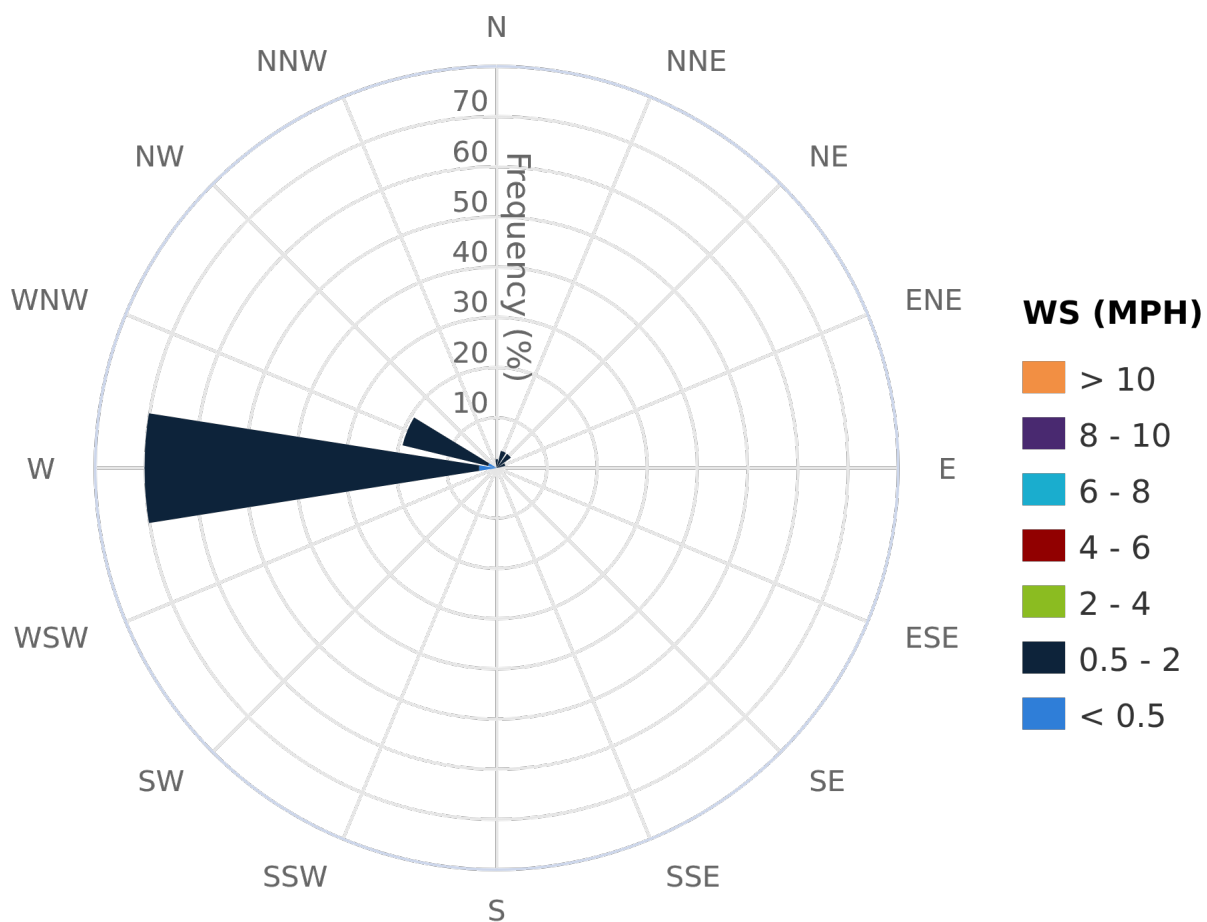


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

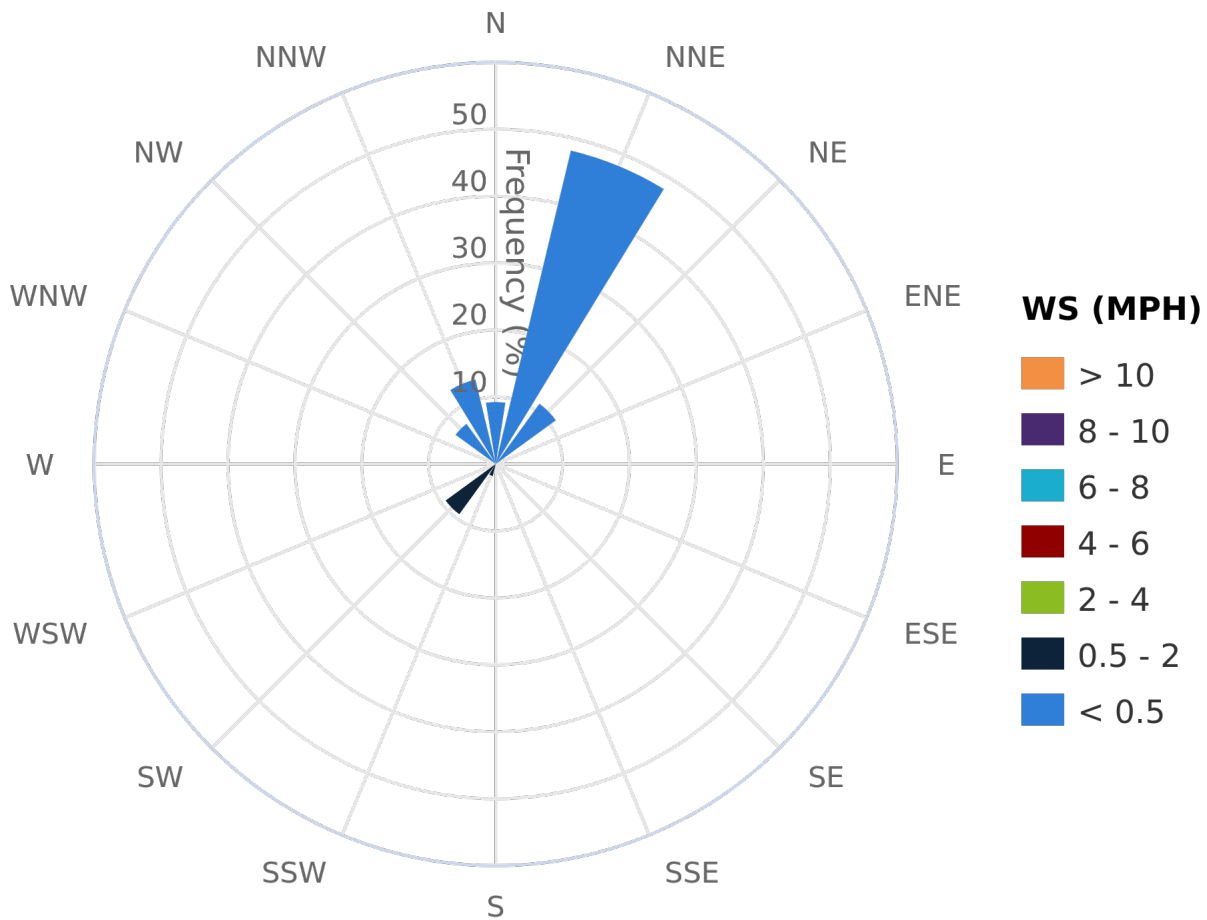


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

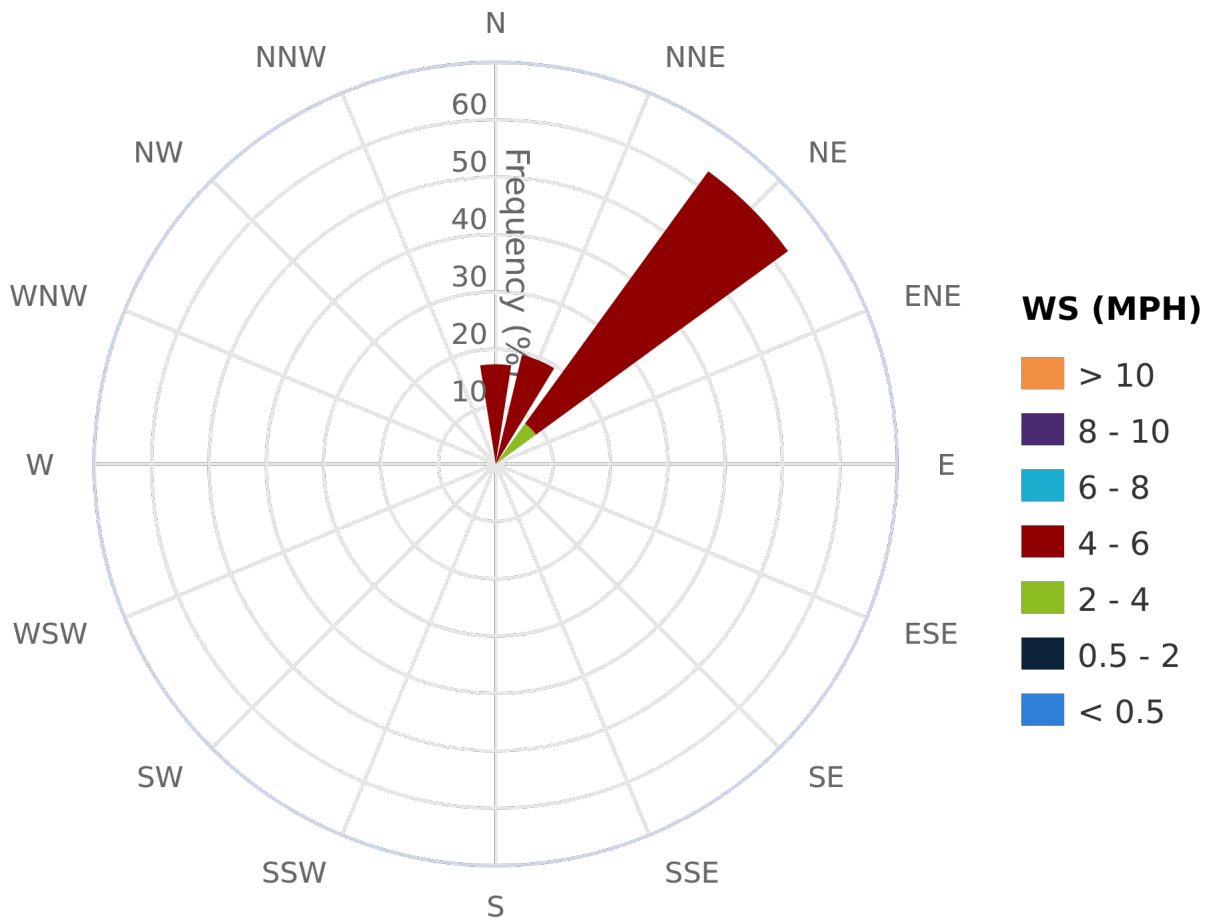


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations

	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
09:45:00	31.2	24.5			15.2	12.5						
10:00:00	22.0	18.6	22.3	20.6	13.1	10.5	12.3	13.5			0.000	
10:15:00	21.8	17.6	21.2	18.9	13.7	10.8	12.3	13.9			0.000	
10:30:00	21.1	16.9	20.5	19.0	13.8	11.0	12.8	13.8			0.001	
10:45:00	18.3	14.8	17.5	16.9	13.2	10.6	12.4	13.0	0.000	0.002	0.000	0.000
11:00:00	17.5	14.1	16.8	16.2	12.8	10.2	12.2	12.6	0.002	0.006	0.003	0.002
11:15:00	17.2	13.6	16.2	15.9	12.7	10.0	12.1	12.2	2.040	2.041	2.159	2.950
11:30:00	18.2	14.8	18.1	17.8	14.5	11.6	14.2	14.2	4.966	4.989	5.064	5.410
11:45:00	26.2	22.2	26.2	26.0	19.7	16.5	19.8	19.4	0.927	0.791	0.856	0.518



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Table 4 : Summary of Exceedances (greater than Action Level) - *None*